

Preliminary Amendment

Applicant: Dr. Haugen Klauk, et al.
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Title: **SENSOR HAVING ORGANIC FIELD EFFECT TRANSISTORS** (As Amended)

IN THE ABSTRACT

Please replace the Abstract with the following rewritten paragraph:

SENSOR HAVING ORGANIC FIELD EFFECT TRANSISTORS (As Amended)

~~The invention relates to a~~ A force sensor based on an organic field effect transistor ~~(10) applied on a substrate is disclosed(1-11); in which~~ In one embodiment, a mechanical force acting on the transistor causes a change in its source-drain voltage or its source-drain current ~~(10)~~ which corresponds to said force and which can in each case be detected as measurement quantity ~~(V_{source-drain}, I_{source-drain})~~ for the acting force, a diaphragm-based pressure sensor that uses a force sensor of this type, a one- or two-dimensional position sensor that uses a multiplicity of force sensors of this type, and a fingerprint sensor that uses a multiplicity of such force sensors.

~~(Figure 1)~~